

TO: BOARD OF DIRECTORS

FROM: DON SPAGNOLO
GENERAL MANAGER



DATE: AUGUST 19, 2010

**AGENDA ITEM
C-1**

AUGUST 25, 2010

WATERLINE INTERTIE PROJECT UPDATE

ITEM

Mike Nunley of AECOM Engineering re Waterline Intertie project status [NO ACTION REQUESTED].

BACKGROUND

Mike Nunley is scheduled to summarize the attached report.

RECOMMENDATION

Staff recommends that your Honorable Board receive the presentation and ask questions as appropriate.

ATTACHMENTS

- August 2010 WIP Design Phase Status Report

Memorandum

To	Don Spagnolo, General Manager – NCSD	Page	1
CC	Peter Sevcik, Jon Hanlon, Josh Reynolds, Jim Froelicher, Eileen Shields, Kirk Gonzalez		
Subject	Waterline Intertie Project – Design Phase Status Report		
From	Michael K. Nunley, AECOM		
Date	August 18, 2010		

The Project Team has completed the following work items this month:

1. AECOM submitted the public lot application for the reservoir / pump station site to the County.
2. AECOM provided the District with the final submittal for Bid Package #3 (Blosser Road Water Main and Flow Meter) plans and technical specifications.
3. The project team compiled comments on the Streambed Alteration Agreement drafted by California Department of Fish and Game (CDFG), sent a response, and requested a follow-up meeting to discuss conditions of the permit.
4. AECOM is continuing work to update the construction cost opinion to reflect the 90% designs for Bid Packages #2, #3, and #4.
5. AECOM has updated the table of project permits (attached).

Schedule

The Project Schedule is attached and has been updated to reflect the current project status.

Budget Status

As shown on the attached Design Budget and Invoice Summary, our fee earned is slightly ahead of the work completed under Task 3.

Yours Sincerely,



Michael K. Nunley, PE

Enclosures: Permits & Status; Design Budget & Invoice Summary; Project Budget Summary; Project Schedule

Nipomo Community Services District
Waterline Interlie Project
Permit Status

updated:

7/20/2010

Permitting Agency	Permit	Status	Issue Date	Expiration Date	Notes
CalTrans	Encroachment	Received	7/1/2010	12/30/2011	BP2 Hwy 101 Xing
CalTrans	Encroachment	Contractor to apply			"Dual Permit"
SLO County	Encroachment	Contractor to apply			BP2 - NCSD to submit for draft conditions
SLO County	Encroachment	Contractor to apply			BP3
City of Santa Maria	Encroachment	Contractor to apply			AECOM & NCSD staff drafting comments for F&G
CA Fish & Game	Streambed Alteration Agreement	Received draft permit			
ACOE	404 & other permits	Received exemption	3/25/2010		
DOSH (OSHA)	Tunnel Classification	Received	3/22/2010; 3/30/2010	NA	2 jack & bore locations in BP3
DOSH (OSHA)	Excavations > 5 ft	Contractor to apply			
DOSH (OSHA)	Certification of safety Reps for tunneling	Contractor to apply			
SLO APCD	Authority to Construct / Permit to Operate	NCSD to apply			apply at start of bid phase
SLO APCD	Naturally Occurring Asbestos	Received exemption	11/2/2009		
RWQCB	Notice of Intent to Discharge	NCSD to file			NPDES/ Stormwater General Permit
RWQCB	SWPPP	Contractor to complete			
DPHS	Water Supply Permit Amendment	NCSD to file (min 4 mo. Prior to WIP startup)			AECOM working with DPHS for preliminary comments on 90% design

Item	Description	Budgeted Amount May 2008 PER	Updated Amount 17-Mar-09	Updated Amount 22-Apr-09 Concept Design Report	Updated Amount Dec-09 60% Design Plans
1	Mobilization	\$580,000	\$580,000	\$607,000	\$706,800
2	Blosser Extension (18-in)	\$1,247,000	\$1,247,000	\$1,129,000	\$1,148,800
3	Pump Station No. 1 turnout & meter (Blosser Rd)	\$61,000	\$61,000	\$158,000	\$166,400
4	River Crossing (24-in HDD & levee jack & bore)	\$6,135,000	\$6,135,000	\$5,462,500	\$5,414,200
5	24-in Pipeline to Joshua	\$656,000	\$656,000	\$400,000	\$399,500
6	Reservoir (0.5-MG)	\$1,361,000	\$1,361,000	\$1,365,000	\$1,364,700
7	Pump Station No. 2	\$603,000	\$603,000	\$1,572,500	\$1,512,300
8	Pressure Regulators (200 homes)	\$30,000	--	--	--
9	Pressure Reducing Valve Stations	\$18,000	\$72,000	\$243,000	\$290,100
10	Chloramination (Joshua & 5 wellheads)	\$707,000	\$707,000	\$739,500	\$739,200
11	Upgrade Southland to 12-in	\$799,500 (1)	\$780,000 (7)	\$849,000	\$828,900
12	Upgrade Frontage to 12-in	\$1,101,300 (1)	\$880,000 (7)	\$957,000	\$958,600
13	Upgrade Orchard to 12-in	\$509,000	\$1,040,000 (8)	\$1,103,500	\$1,200,800
14	Upgrade Division to 10-in between Allegre and Meridian (6)	\$53,000	--	--	--
15	Oakglen Avenue 12-in main (5)	--	\$420,000	\$457,000	\$472,600
16	Darby Lane 12-in main (5)	--	\$100,000	\$153,000	\$114,100
17	HWY 101 Bore & Jack (5)	--	\$132,000	\$241,000	\$228,700
18	Isolation Valves (5)	--	\$12,000	\$12,000	\$12,000
19	Pump Station All Weather Access Road	--	--	\$128,000	\$127,500
20	Pipe Cleaning Launch Station Stub Out (Blosser Rd)	--	--	--	\$20,400 (13)
Construction Subtotal		\$13,860,800	\$14,786,000	\$15,577,000	\$15,705,600
21	Contingency	\$3,643,000	\$3,696,500 (9)	\$3,115,400 (11)	\$3,141,120
Construction Subtotal + Contingency		\$17,503,800	\$18,482,500	\$18,692,400	\$18,846,720
22	Property Allowance	not included (4)	not included (4)	\$500,000 (4)	\$278,964 (4)(14)
23	Design-Phase Engineering				
	Original Agreement (July 2008)		\$744,993	\$744,993	\$744,993
	Budget Revision 1 - Pressure Reduction		\$132,798	\$132,798	\$132,798
	Budget Revision 2 - Biological Survey for HDD		\$4,050	\$4,050	\$4,050
	Budget Revision 3 - Modeling for GSW/Woodlands Turnou		\$8,380	\$8,380	\$8,380
	Budget Revision 4 - Additional Survey Services		\$9,900	\$9,900	\$9,900
	Budget Revision 5 - Utility Investigation (Potholing)		--	--	\$8,883
	Budget Revision 6 - Additional Property Research		--	--	\$805
	Budget Revision 7 - PG&E Savings by Design support		--	--	\$4,164
	Budget Revision 8 - 60% Design Budget Update		--	--	\$140,872
24	Office Engineering during construction		\$175,837	\$175,837	\$175,837
25	Estimated Construction Management (3)	\$2,428,000 (2)	\$1,507,170 (10)	\$1,507,170 (10)	\$1,507,170 (10)
26	Permitting Fees To Date	--	\$1,573	\$1,573	\$6,173
27	Non-Final Design Funds Spent To Date	not included	not included	\$1,402,879 (12)	\$1,705,009 (12)(16)
28	Estimated Other Costs (Assessment, etc)	not included	not included	\$415,420 (12)	\$300,000 (12)(16)
29	Public Outreach	not included	not included	not included	\$76,000 (15)(17)
WATERLINE PROJECT TOTAL (Rounded to 1000)		\$19,932,000 (4)	\$21,068,000	\$23,596,000	\$23,951,000

Notes:

ENR CCI: March 2008 = 8109

- (1) Costs are from the December 2007 Water and Sewer Master Plan (Cannon).
- (2) Engineering and Construction Management were originally presented as a "lump sum" amount
- (3) Includes material testing, construction staking, and environmental monitoring
- (4) Estimate only. Property allowance not included prior to April 2009 estimate.
- (5) These work items were added to relieve high pressures on Mesa as an alternative to service pressure regulating valves (See Tech Memo 9). One PRV station at Maria Vista was required initially. Four are recommended for revised project. This was design Budget Revision #1.
- (6) Based on review of record drawings, this pipeline is already a 10-in main
- (7) Initial estimate incorporated Master Plan project costs. Revised estimate includes higher unit costs to reflect paving 1 traffic lane, per County standards
- (8) Updated unit costs include higher costs to reflect paving 1 traffic lane, per County standards
- (9) Contingency was modified to 25% which is more appropriate for concept design phase.
- (10) To be provided by CM team - Has not been revised to reflect additional work for construction management of Oakglen, Darby, and Orchard extensions.
- (11) Contingency was modified to 20% which is more appropriate for 30% design phase.
- (12) Estimate provided by District staff.
- (13) Item added during 60% design for potential future pipe cleaning launch station. Cost for potential future receiving station was added to item #7 (pump static
- (14) Reduced at 12/9/2009 Board Meeting.
- (15) Added to January 2010 cost opinion per District
- (16) Estimate updated by District staff 4/21/10.
- (17) Updated based on Board action on 3/24/10.

not included = Item was not included in previous construction cost opinions, but was added to provide a complete assessment of anticipated project costs.

8/18/2010

Engineering Services for NCSD - SWP Design

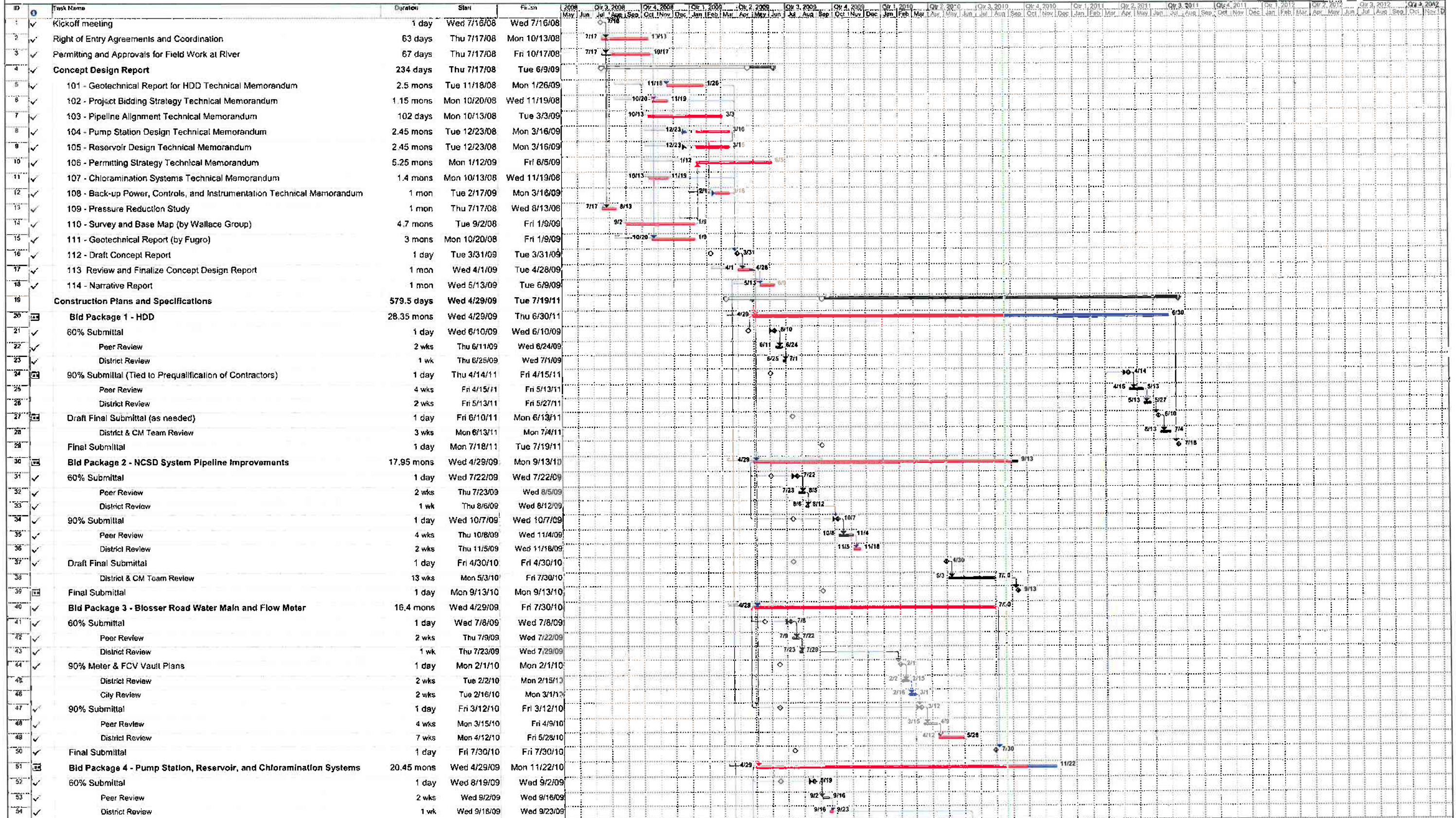
Nipomo CSD

	Total Budget	Amount Previously Invoiced	Current Invoice Amount	% of Budget Earned to date	% of Work Complete
Task Group 1 - Concept Design Report	\$441,553.65	\$441,553.65	\$0.00	100%	100%
Task Group 2 - Permitting	\$38,545.92	\$31,679.73	\$0.00	82%	82%
Task Group 3 - Construction Documents	\$442,933.43	\$444,666.11	\$0.00	100%	92%
Task Group 4 - Project Management	\$82,869.68	\$62,112.63	\$0.00	75%	75%
Task Group 5 - Assistance During Bids	\$48,942.36	\$0.00	\$0.00	0%	0%
Task Group 6 - Office Engineering During Construction (4 Bid Packages)	\$175,836.96	\$2,431.46	\$0.00	1%	1%
Total	\$1,230,682.00	\$982,443.58	\$0.00	80%	77%

	Amount Previously Invoiced	Current Invoice Amount	Total Permitting Fees to date
Permitting Fees	\$6,573.01	\$0.00	\$6,573.01

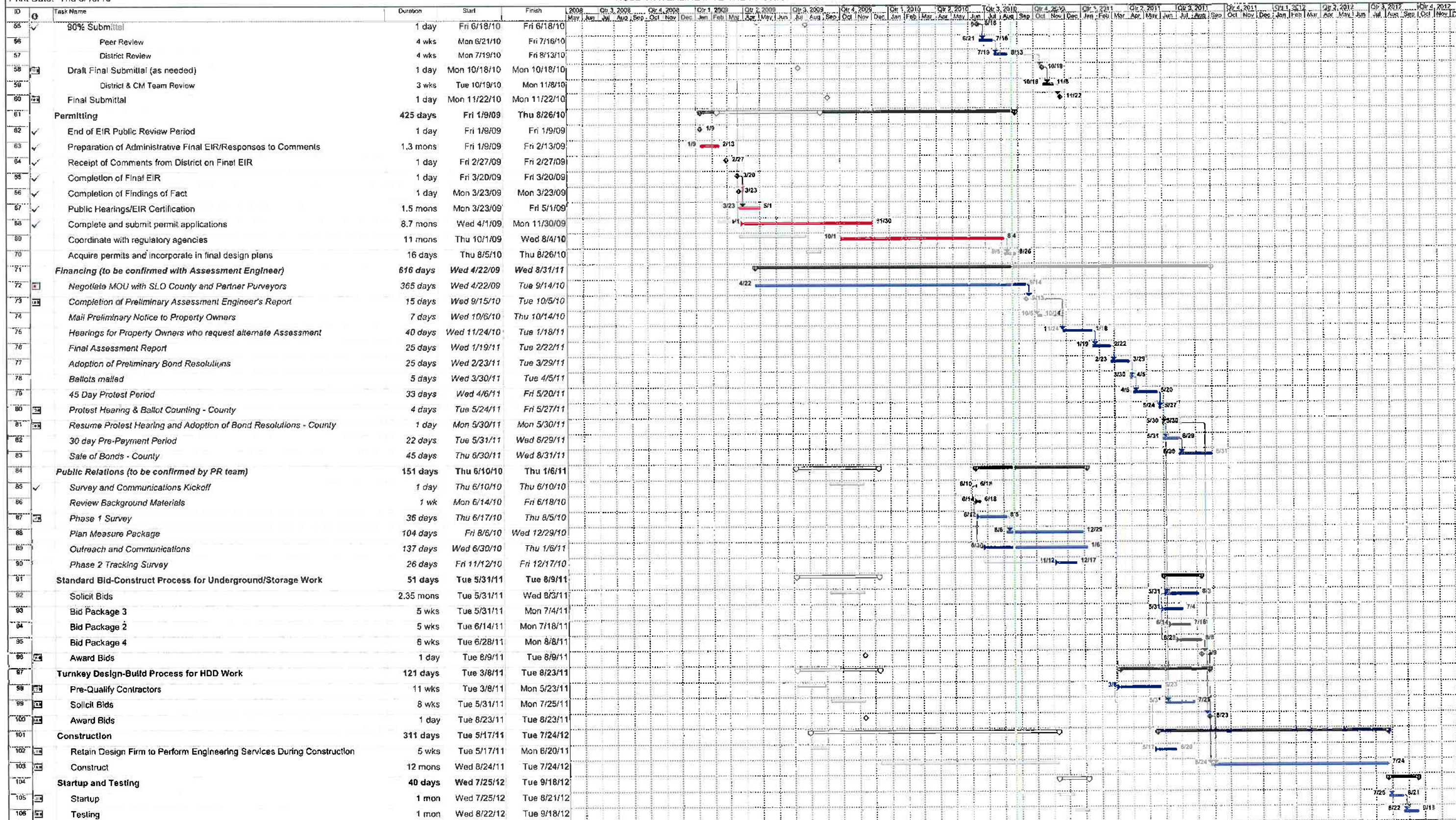
Print Date: Thu 8/19/10

NCS WATERLINE INTERTIE PROJECT - Thu 8/19/10



Print Date: Thu 8/19/10

NCSO WATERLINE INTERTIE PROJECT - Thu 8/19/10



TO: BOARD OF DIRECTORS

FROM: DON SPAGNOLO
GENERAL MANAGER



DATE: AUGUST 18, 2010

**AGENDA ITEM
C-2**

AUGUST 25, 2010

MONTHLY SUPERINTENDENT UPDATE

ITEM

NCSD Facilities Superintendent Tina Grietens re Update recent Operations Activities [NO ACTION REQUESTED].

BACKGROUND

Tina Grietens is scheduled to summarize the attached outline.

RECOMMENDATION

Staff recommends that your Honorable Board receive the presentations and ask questions as appropriate.

ATTACHMENTS

- Operations Report

NIPOMO COMMUNITY

BOARD MEMBERS

JAMES HARRISON, PRESIDENT
LARRY VIERHEILIG, VICE PRESIDENT
ED EBY, DIRECTOR
MIKE WINN, DIRECTOR
BILL NELSON, DIRECTOR



SERVICES DISTRICT

STAFF

DON SPAGNOLO, P.E., GENERAL MANAGER
LISA BOGNUDA, ASSISTANT GENERAL MANAGER
JON SEITZ, GENERAL COUNSEL
PETER SEVCIK, P.E., DISTRICT ENGINEER

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TO: DON SPAGNOLO, P.E., GENERAL MANAGER

FROM: TINA GRIETENS, UTILITY SUPERINTENDENT TG

DATE: AUGUST 19, 2010

SUBJECT: UTILITY DIVISION UPDATE FOR JULY 21, 2010 – AUGUST 18, 2010

Southland Wastewater Plant and Utility Yard

- Utility equipment storage building permit issued
- Lab instrument and supplies received
- Sludge dredging contract and schedule pending
- Ripping/discing of percolation ponds completed
- Southland Effluent BOD in compliance; above limits for suspended solids

Collection system

- Vac-Con: New nozzle purchased and utilized to clean sewer lines
- Training with City of SLO crew
- Jetting sewer lines, cleaning grease and rags from lift stations and treatment plants
- Replaced level transmitter in Juniper Lift Station

Distribution System

- Level transducer installed in Sundale well
- Quad tank rehabilitation: Tank #2 online, Tank #1 drained, repairs in progress

Maintenance

- Maintenance performed on Sundale well generator
- Schematic diagrams of well and lift station electrical panels complete
- Generator maintenance added to Preventive Maintenance Program
- Meter replacement, fire hydrant painting continuing

Compliance

- Water distribution analyses in compliance for nitrates, trihalomethanes, haloacetic acids, arsenic
- APCD inspection of standby generators, NCSD staff complimented on documentation procedures
- Report preparation for WWTPs, water distribution system

Training

- All: CPR/First aid 7/22/10; Traffic Control 8/17/10; Defensive Driving 8/18/10
- Scott: Wastewater Analyses class 8/10/10
- Tina: Water Regulations and Water Conservation online classes 8/10 & 8/11/10

Other

- Reviewed Southland Wastewater Facility Improvement Design, SCADA plans and specifications
- Working with District Engineer on District Projects